



OPERATOR'S MANUAL

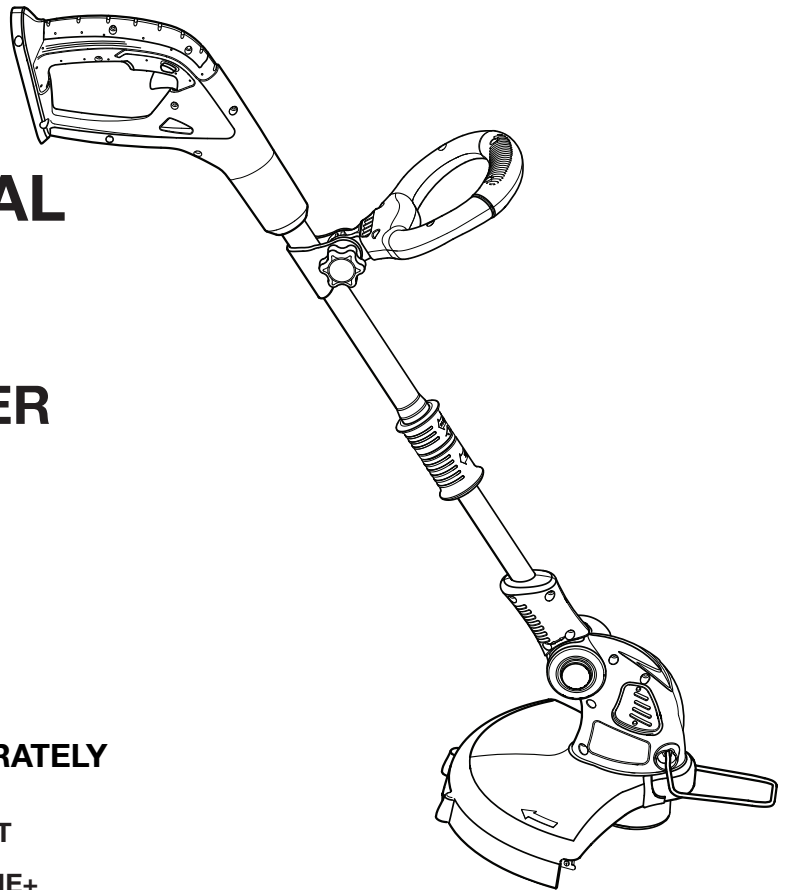
MANUEL D'UTILISATION
MANUAL DEL OPERADOR

18 VOLT STRING TRIMMER

18 V TONDEUSE À FOUET

18 V RECORTADORA DE HILO

P2000



**ACCEPTS ALL ONE+ BATTERY PACKS
BATTERIES AND CHARGERS SOLD SEPARATELY**

**COMPATIBLE AVEC TOUS LE BATTERIES ONE+
BATTERIES ET CHARGEUR VENDUS SÉPARÉMENT**

**ACEPTA TODOS LOS PAQUETES DE BATERÍAS ONE+
LAS BATERÍAS Y EL CARGADOR SE VENDEN POR SEPARADO**

Your trimmer has been engineered and manufactured to our high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

⚠ WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for your purchase.

SAVE THIS MANUAL FOR FUTURE REFERENCE

Le taille-bordures à ligne a été conçue et fabriquée conformément à nos strictes normes de fiabilité, simplicité d'emploi et sécurité d'utilisation. Correctement entretenue, elle vous donnera des années de fonctionnement robuste et sans problème.

⚠ AVERTISSEMENT : Pour réduire les risques de blessures, l'utilisateur doit lire et veiller à bien comprendre le manuel d'utilisation avant d'employer ce produit.

Merci de votre achat.

**CONSERVER CE MANUEL POUR
FUTURE RÉFÉRENCE**

Su recortadoras de hilo ha sido diseñada y fabricada de conformidad con las estrictas normas para brindar fiabilidad, facilidad de uso y seguridad para el operador. Con el debido cuidado, le brindará muchos años de sólido y eficiente funcionamiento.

⚠ ADVERTENCIA: Para reducir el riesgo de lesiones, el usuario debe leer y comprender el manual del operador antes de usar este producto.

Le agradecemos su compra.

**GUARDE ESTE MANUAL PARA
FUTURAS CONSULTAS**

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INTRODUCTION

INTRODUCTION / INTRODUCCIÓN

This product has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

* * *

Ce produit offre de nombreuses fonctions destinées à rendre son utilisation plus plaisante et satisfaisante. Lors de la conception de ce produit, l'accent a été mis sur la sécurité, les performances et la fiabilité, afin d'en faire un outil facile à utiliser et à entretenir.

* * *

Este producto ofrece numerosas características para hacer más agradable y placentero su uso. En el diseño de este producto se ha conferido prioridad a la seguridad, el desempeño y la fiabilidad, por lo cual se facilita su manejo y mantenimiento.

IMPORTANT SAFETY INSTRUCTIONS

WARNING!

When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

READ ALL INSTRUCTIONS









- For safe operation, read and understand all instructions before using this product. Follow all safety instructions. Failure to follow all safety instructions listed below, can result in serious personal injury.
- Do not allow children or untrained individuals to use this unit.
- Check the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string which can be thrown or become entangled in the machine.
- Wear eye protection which is marked to comply with ANSI Z87.1 when operating this product.
- Use Safety Glasses – Always wear safety glasses with side shields. Everyday glasses have only impact resistant lenses. They are NOT safety glasses. Following this rule will reduce the risk of eye injury.
- Protect your lungs. Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.
- Dress Properly – Use of rubber gloves and substantial footwear is recommended when working outdoors.
- Wear heavy, long pants, boots, and gloves. Do not wear loose fitting clothing, short pants, or go barefoot. Do not wear jewelry of any kind.
- Secure long hair above shoulder level to prevent entanglement in moving parts.
- Keep children away - Keep all bystanders, children, and pets at least 50 ft. away.
- Stay alert - Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Keep all parts of your body away from any moving part.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- Avoid Dangerous Environments - Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Use Right Appliance - Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
- Do not operate the equipment while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
- Do not overreach. Keep firm footing and balance. Overreaching can result in loss of balance.
- Avoid accidental starting. Be sure switch is in the locked or off position before inserting battery pack. Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents.
- Do not use tool if switch trigger does not turn it on or off. Any tool that cannot be controlled with the switch trigger is dangerous and must be repaired.
- Disconnect battery pack from the appliance before storing, servicing, changing accessories such as cutting line. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Use only identical manufacturer's replacement parts and accessories. Use of any other parts may create a hazard or cause product damage.
- Maintain appliance with care - Replace string head if cracked, chipped, or damaged in any way. Be sure the string head is properly installed and securely fastened. Failure to do so can cause serious injury.
- Check for damaged parts. Before further use of the tool, any part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service dealer.
- Make sure all guards, straps, deflectors and handles are properly and securely attached.
- Use only the manufacturer's replacement string in the cutting head. Do not use any other cutting attachment, for example, metal wire, rope, or the like. To install any other brand of cutting head to this string trimmer can result in serious personal injury.
- Never operate unit without the grass deflector in place and in good condition.

IMPORTANT SAFETY INSTRUCTIONS

- Maintain a firm grip on both handles while trimming. Keep string head below waist level. Never cut with the string head located over 30 in. or more above the ground.
 - Store idle appliances - When not in use, string trimmer should be stored indoors in a dry, locked place out of the reach of children.
 - Never use blades or flailing devices. Unit is designed for line trimmer use only. Use of any other accessories or attachments will increase the risk of injury.
 - Inspect area to be cut. Remove objects (rocks, broken glass, nails, wire, string, etc.) which can be thrown or become entangled in cutting head.
 - Keep the air vents clean and free of debris to avoid overheating the motor. Clean after each use.
 - Stop the unit and disconnect the power source when not in use. Carry the unit with the motor stopped.
 - Store out of the reach of children.
 - Do not hang unit so that the switch trigger is depressed.
 - Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
 - Do not charge battery tool in rain, or damp or wet location. Following this rule will reduce the risk of electric shock.
 - Do not use battery-operated appliance in rain.
 - Remove or disconnect battery before servicing, cleaning or removing material from the gardening appliance.
 - Use only the following type and size batteries:
- | MODEL | BATTERY PACK | CHARGER (P113) |
|-------|---|----------------------------------|
| P2000 | (P104 Li-ion) 130429001, 130429002 130155001 | 140501001 140501005 |
| | (P100 Ni-Cd) 130255004, 130224028 | |
| | BATTERY PACK | CHARGER (P110) |
| | (P100 Ni-Cd) 130255004, 130224028 | 1423701, 140237021, 140237023 |
- Store idle appliances - When not in use, string trimmer should be stored indoors in a dry, locked place out of the reach of children.
 - Do not dispose of the batteries in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
 - Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
 - Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
 - Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
 - Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
 - Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
 - For best results, your battery tool should be charged in a location where the temperature is more than 50°F but less than 100°F. To reduce the risk of serious personal injury, do not store outside or in vehicles.
 - Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.
 - If the power supply cord is damaged, it must be replaced only by the manufacturer or by an authorized service center to avoid risk.
 - Save these instructions. Refer to them frequently and use them to instruct others who may use this power tool. If you loan someone this power tool, loan them these instructions also.




SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

| SYMBOL | NAME | DESIGNATION/EXPLANATION |
|---|----------------------------|---|
| V | Volts | Voltage |
| A | Amperes | Current |
| Hz | Hertz | Frequency (cycles per second) |
| W | Watt | Power |
| min | Minutes | Time |
| ~ | Alternating Current | Type of current |
| == | Direct Current | Type or a characteristic of current |
|  | Class II Construction | Double-insulated construction |
|  | Wet Conditions Alert | Do not expose to rain or use in damp locations. |
|  | Read The Operator's Manual | To reduce the risk of injury, user must read and understand operator's manual before using this product. |
|  | Safety Alert | Precautions that involve your safety. |
|  | Keep Bystanders Away | Keep all bystanders at least 50 ft. away. |
|  | Eye Protection | Always wear safety goggles or safety glasses with side shields and, as necessary, a full face shield when operating this product. |
|  | Ricochet | Thrown objects can ricochet and result in personal injury or property damage. |
|  | No Blade | Do not install or use any type of blade on a product displaying this symbol. |

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

| SYMBOL | SIGNAL | MEANING |
|---|-----------------|--|
|  | DANGER: | Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury. |
|  | WARNING: | Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury. |
|  | CAUTION: | Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. |
| | CAUTION: | (Without Safety Alert Symbol) Indicates a situation that may result in property damage. |

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to the nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.



WARNING:

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product. Call Ryobi customer service for assistance.



WARNING:



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

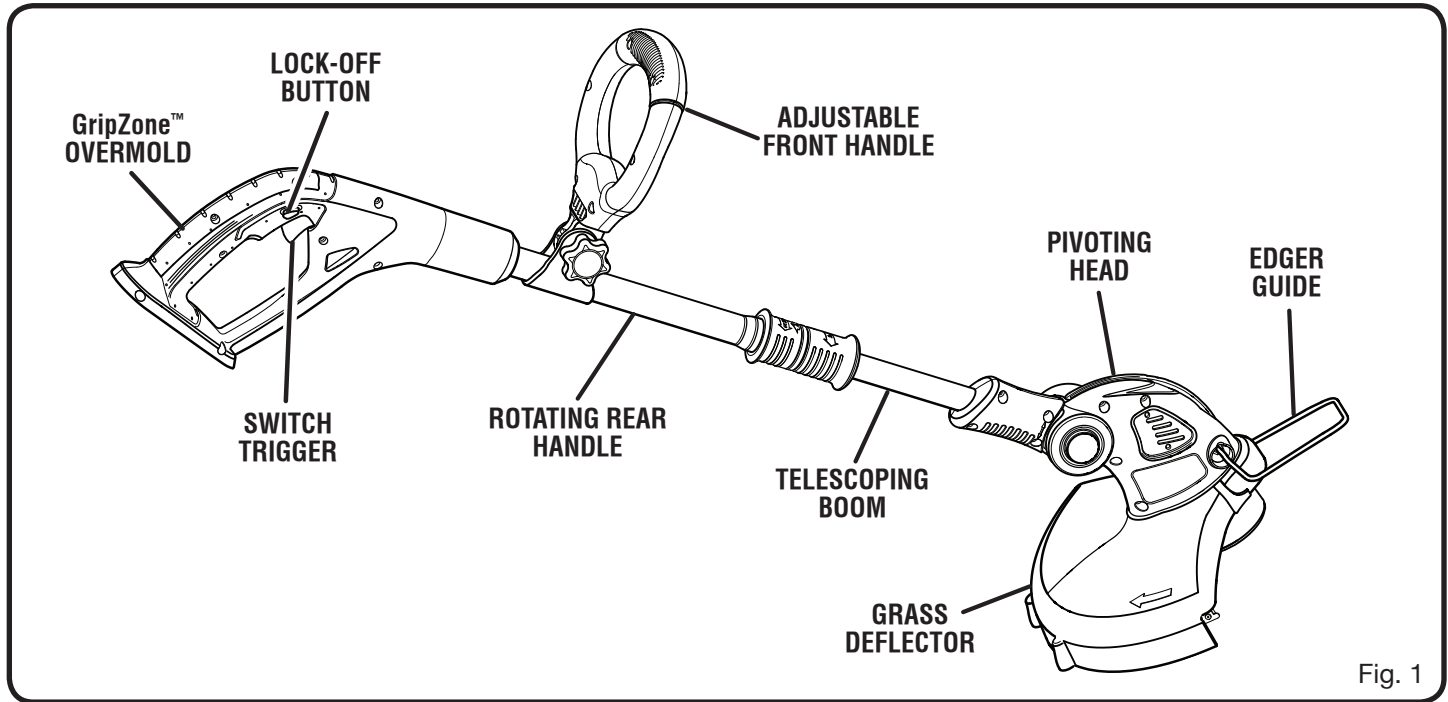
SAVE THESE INSTRUCTIONS

FEATURES

PRODUCT SPECIFICATIONS

Motor..... 18 V DC
Cutting Swath.....12 in.
Line Size.....0.065 in.

Weight (without battery pack).....4.6 lb.
Replacement Spool Part NumberAC14RSL
Replacement Spool Cap Part Number..... AC14HC



KNOW YOUR STRING TRIMMER

See Figure 1.

The safe use of this product requires an understanding of the information on the tool and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

ADJUSTABLE FRONT HANDLE

The front handle assembly can be adjusted for ease of operation and to help prevent loss of control.

EDGER GUIDE

The edger guide allows the string trimmer to perform as an edger.

THREE-POSITION PIVOTING HEAD

The trimmer head can be adjusted with the pivot button.

GRASS DEFLECTOR

The trimmer includes a grass deflector that helps protect from flying debris.

GripZone™ OVERMOLD

GripZone™ overmold provides added user comfort.

LOCK-OFF BUTTON

The lock-off button prevents accidental starting.

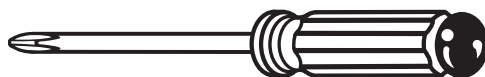
ROTATING REAR HANDLE

The rotating rear handle can be locked in two different positions for ease of use when edging and trimming.

TELESCOPING BOOM

The string trimmer can be adjusted to different extension points for ease of use.

TOOLS NEEDED



PHILLIPS SCREWDRIVER

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call 1-800-860-4050 for assistance.

PACKING LIST

String Trimmer

Grass Deflector Assembly with Screw

Front Handle Assembly

Operator's Manual



WARNING:

If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.



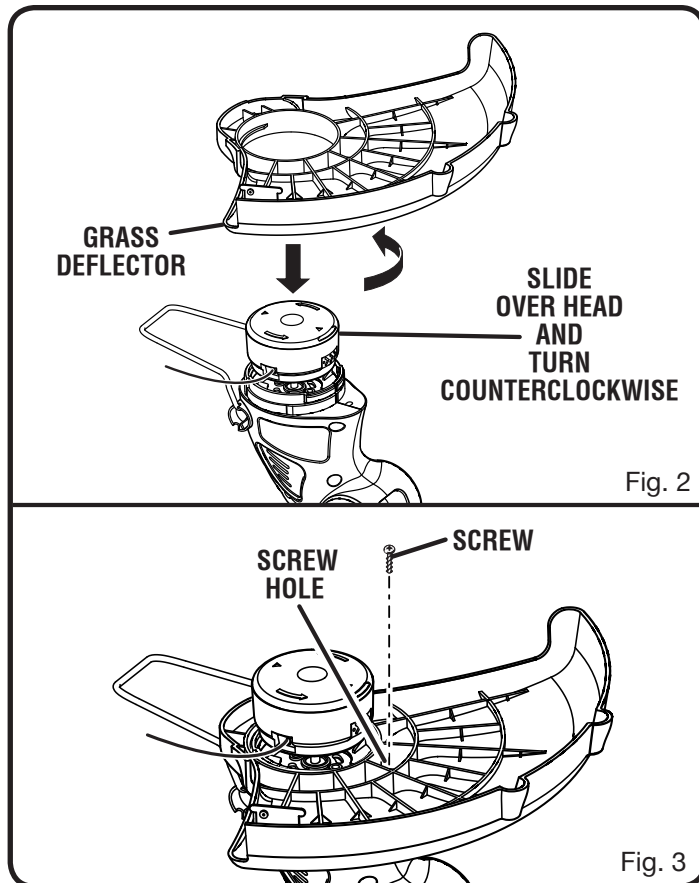
WARNING:

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING:

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.



ATTACHING GRASS DEFLECTOR

See Figure 2 - 3.



WARNING:

The string cutting blade on the grass deflector is sharp. Avoid contact with the blade. Failure to avoid contact can result in serious personal injury.

- Remove supplied screw with a phillips screwdriver from the trimmer head.
- Fit the grass deflector into the slots on trimmer head.
- Turn counterclockwise to lock grass deflector into place.
- Line up the screw hole in the grass deflector with the center hole in the trimmer head.
- Install supplied screw and tighten by turning clockwise with a phillips screwdriver.

OPERATION

⚠ WARNING:

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING:

Always wear safety goggles or safety glasses with side shields when operating products. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

⚠ WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

This product will accept Ryobi One+ 18 V lithium-ion battery packs and Ryobi One+ 18 V nickel-cadmium battery packs.

For complete charging instructions, refer to the Operator's Manual for the battery packs and chargers listed in the General Safety Rules.

⚠ WARNING:

Battery products are always in operating condition. Therefore, the ON/OFF switch should always be turned OFF when not in use.

STARTING/STOPPING THE STRING TRIMMER

See Figure 4.

- To start the string trimmer, push the lock-off button to either the right or left side and pull the switch trigger.
- To stop the string trimmer, release the switch trigger.

TO INSTALL BATTERY PACK

See Figure 5.

- Insert the battery pack into the product as shown.
- Make sure the latches on each side of the battery pack snap into place and the battery pack is secured before beginning operation.

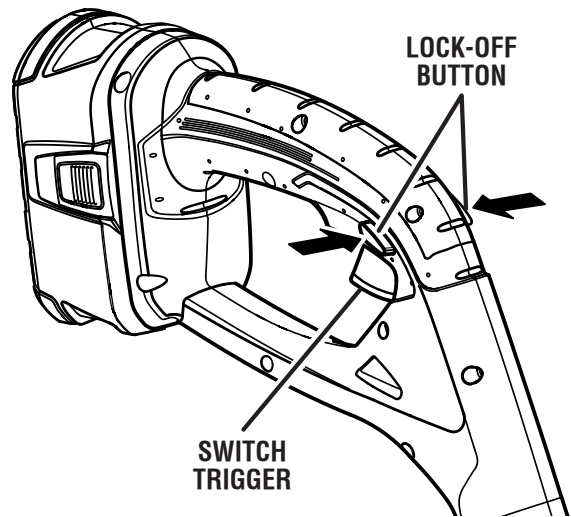


Fig. 4

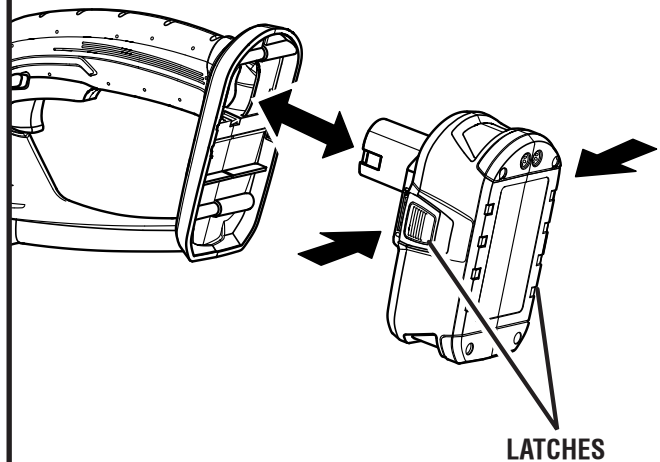


Fig. 5

TO REMOVE BATTERY PACK

See Figure 5.

- Depress the latches on each side of the battery pack.
- Remove the battery pack.

OPERATION

TELESCOPING BOOM

See Figure 6.

The boom can be extended or shortened for ease of use.

- Remove the battery pack.
- Loosen the telescoping boom coupler by turning it counterclockwise. Slide the boom to the desired position.
- Tighten the coupler by turning clockwise. Make sure the boom is securely tightened before reinstalling the battery pack.

ADJUSTABLE FRONT HANDLE

See Figure 7.

The angle of the front handle can be adjusted 180°.

- Remove the battery pack.
- Set the trimmer on a flat surface and turn the knob counterclockwise to loosen the handle.
- For trimming, adjust the handle upward.
- For edging, adjust the handle downward.
- Turn the knob clockwise until the handle is securely tightened before reinstalling the battery pack.

THREE-POSITION PIVOTING HEAD

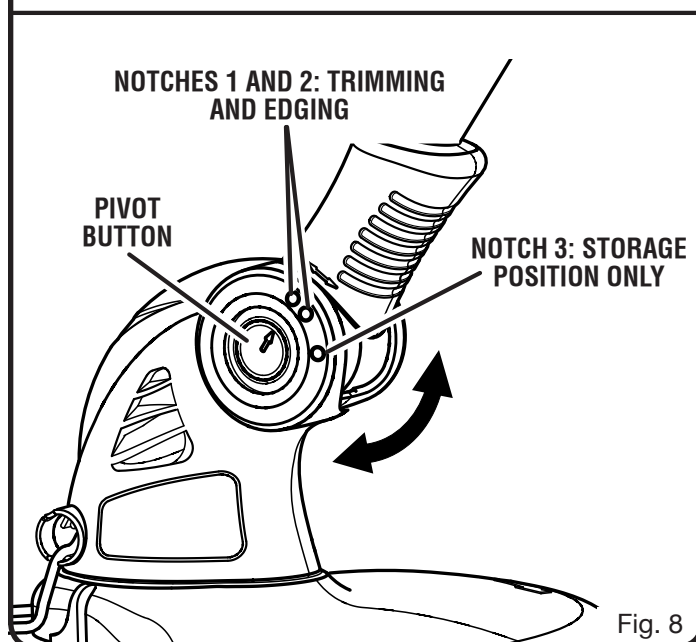
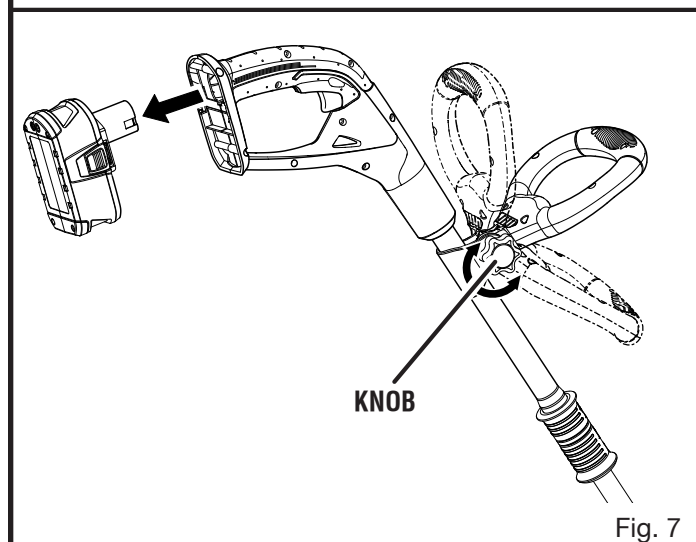
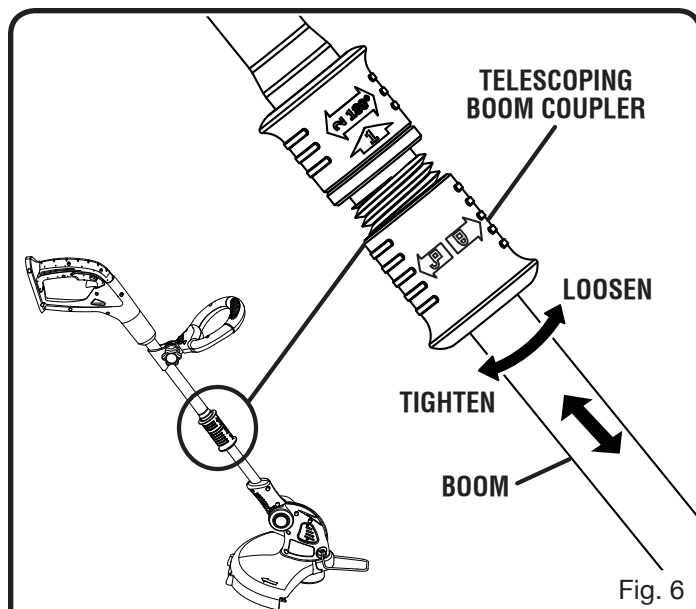
See Figure 8.

The trimmer head can be adjusted to three different positions.

- Remove the battery pack.
- Depress the pivot button and move the trimmer head up or down to one of the three positions indicated by the notches.

NOTE: Adjust the trimmer head to the first and second notches for trimming and edging. Adjust to the third notch for storage only.

- Make sure the trimmer head is securely locked into place before reinstalling the battery pack.



OPERATION

OPERATING THE TRIMMER

See Figure 9.

Follow these tips when using the string trimmer:

- Hold the trimmer with your right hand on the rear handle and your left hand on the front handle.
- Keep a firm grip with both hands while in operation.
- Trimmer should be held at a comfortable position with the rear handle about hip height.
- Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and string head which may cause damage from overheating.

If grass becomes wrapped around the string head:

- Remove the battery pack from the trimmer.
- Remove the grass.



WARNING:

Always hold the string trimmer away from the body keeping clearance between the body and the string trimmer. Any contact with the string trimmer cutting head while operating can result in serious personal injury.

CUTTING TIPS

See Figure 10.

- Keep the trimmer tilted toward the area being cut; this is the best cutting area.
- The string trimmer cuts when passing the unit from left to right. This will avoid throwing debris at the operator. Avoid cutting in the dangerous area shown in figure 10.
- Use the tip of the string to do the cutting; do not force string head into uncut grass.
- Wire and picket fences cause extra string wear, even breakage. Stone and brick walls, curbs, and wood may wear string rapidly.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the string.

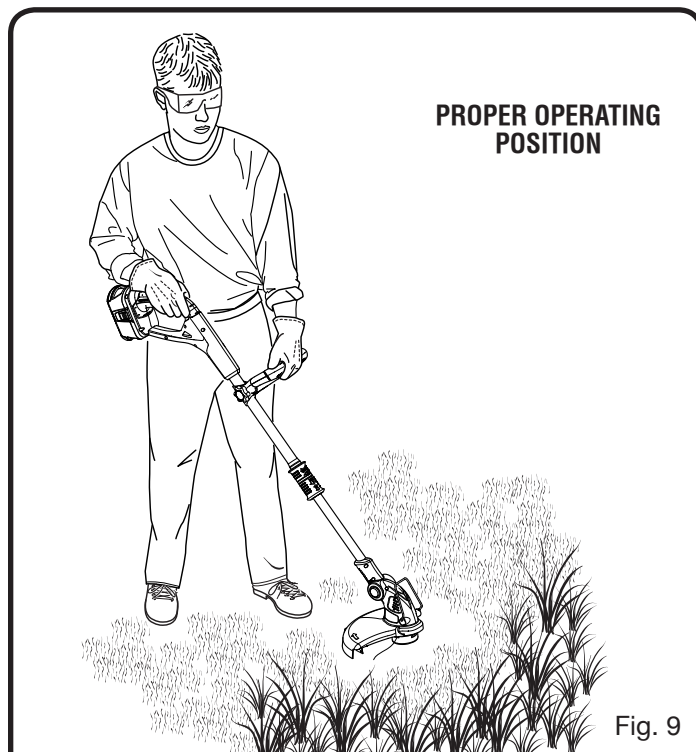


Fig. 9

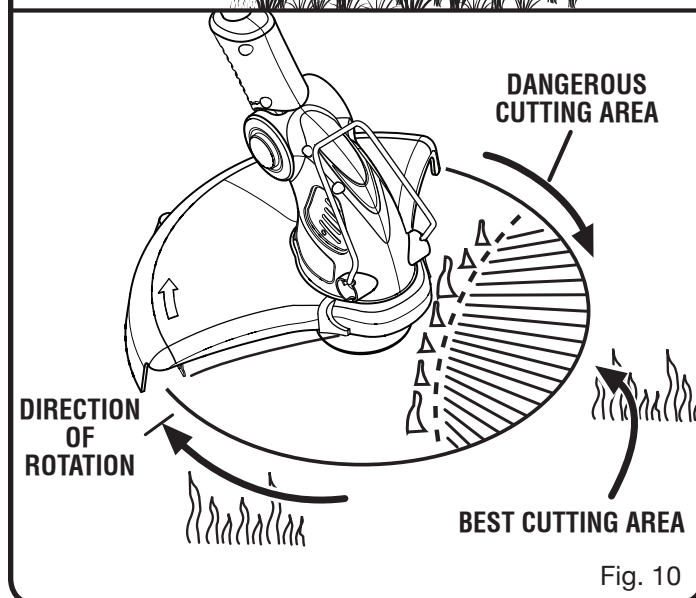


Fig. 10

OPERATION

ADVANCING STRING

NOTE: The trimmer is equipped with an auto-feed head. Bumping the head to try to advance the line will damage the trimmer and void the warranty.

- With the trimmer running, release the switch trigger.
- Wait two seconds, and press the switch trigger.

NOTE: The string will extend approximately 1/4 in. with each stop and start of the switch trigger until the string reaches the length of the grass deflector cut-off blade.

- Resume trimming.

ADVANCING THE STRING MANUALLY

See Figure 11.

- Remove the battery pack.
- Push the black button located on the string head while pulling on string to manually advance the string

CUT-OFF BLADE

See Figure 12.

This trimmer is equipped with a cut-off blade on the grass deflector. For best cutting, advance string until it is trimmed to length by the cut-off blade. Advance string whenever you hear the engine running faster than normal, or when trimming efficiency diminishes. This will maintain best performance and keep string long enough to advance properly.

ROTATING REAR HANDLE

See Figure 13.

The rotating rear handle is used in combination with the edger guide.

- Remove the battery pack.
- Pull up on the edging coupler and turn handle end counterclockwise until the edging coupler locks into place.
- Release the edging coupler.

EDGING

See Figures 12 - 14.

Rotate the rear handle when using the edger guide for edging sidewalks and walkways. To use the edger guide, flip down from its stored position.

Always hold the string trimmer away from the body keeping clearance between the body and the string trimmer. Any contact with the string trimmer cutting head while operating can result in serious personal injury.

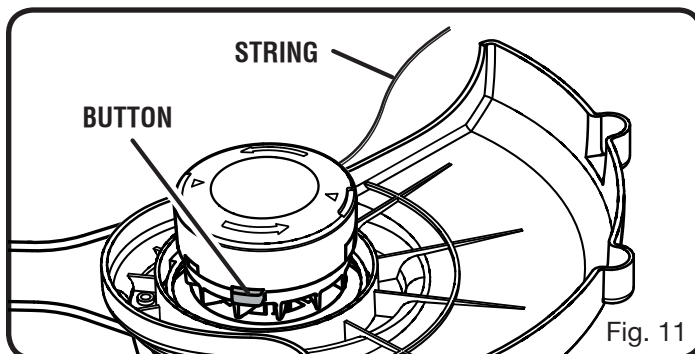


Fig. 11

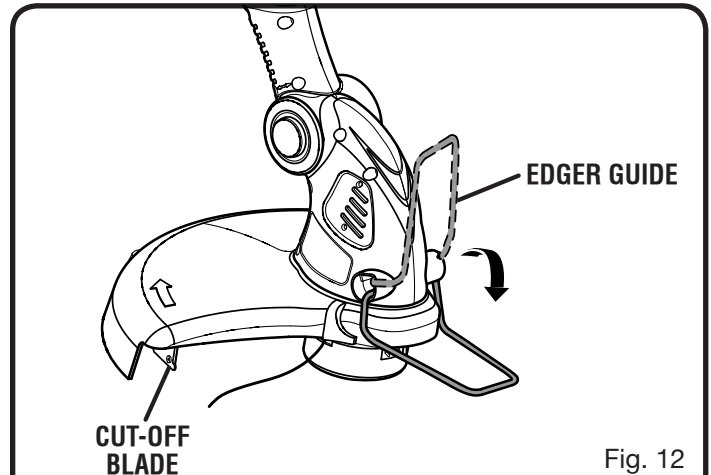


Fig. 12

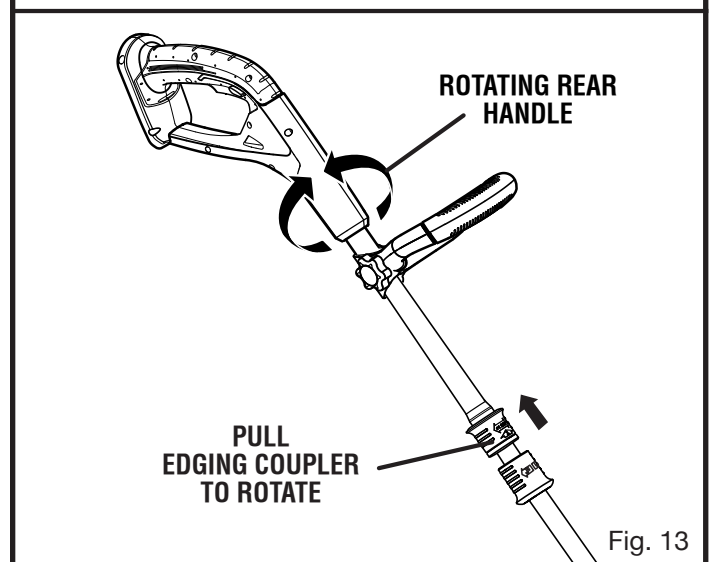


Fig. 13

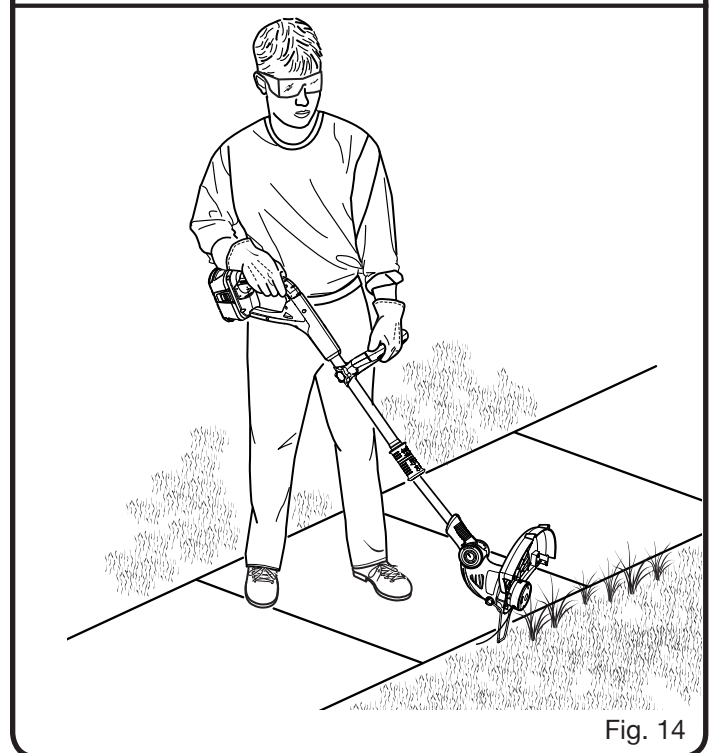


Fig. 14

MAINTENANCE

WARNING:

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

WARNING:

Always wear safety goggles or safety glasses with side shields during power product operation or when blowing dust. If operation is dusty, also wear a dust mask.

WARNING:

To avoid serious personal injury, always remove the battery pack from the product when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorized Service Center.

BATTERIES

This product will accept Ryobi One+ 18 V lithium-ion battery packs and Ryobi One+ 18 V nickel-cadmium battery packs. Length of service from each charging will depend on the type of work you are doing.

The batteries for this product have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

For lithium-ion batteries:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°F and away from moisture.
- Store battery packs in a 30%-50% charged condition.
- Every six months of storage, charge the pack as normal.

For nickel-cadmium batteries:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°F.
- Store battery packs in a “discharged” condition.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING



To preserve natural resources, please recycle or dispose of batteries properly.

This product uses nickel-cadmium and lithium-ion batteries. Local, state or federal laws may prohibit disposal of batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and/or disposal options.

WARNING:

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion and nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

MAINTENANCE

SPOOL REPLACEMENT

See Figure 15.

Use only round type .065 in. diameter monofilament string. Use original manufacturer's replacement string for best performance.

- Remove the battery pack.
- Push in tabs on side of spool retainer.
- Pull spool retainer up to remove.
- Remove the old spool.
- To install the new spool, make sure the string is captured in the slot on the new spool. Make sure the end of the string is extended approximately 6 in. beyond the slot.
- Install the new spool so that the string and slot align with the eyelet in the string head. Thread the string into the eyelet.
- Pull the string extending from the string head so the string releases from the slot in the spool.
- Reinstall the spool retainer by depressing tabs into slots and pushing down until spool retainer clicks into place.

STRING REPLACEMENT

See Figures 15 - 16.

- Remove the battery pack.
- Remove the spool from the string head.
NOTE: Remove any old string remaining on the spool.
- Cut a piece of string approximately 9 ft. (2.7 m) long. Use only .065 in. (1.65 mm) diameter monofilament string.
- Insert the string into the anchor hole in the upper part of the spool. Wind the string around the upper part of the spool clockwise, as shown by the arrows on the spool. Place string in the slot on upper spool flange, leaving about 6 in. (152 mm) extended beyond the slot. Do not overfill. After winding the string, there should be at least 1/4 in. (6 mm) between the wound string and the outside edge of the spool.
- Replace the plastic retainer, spool, and the spool retainer. Refer to **Spool Replacement** earlier in this manual.

STORING THE TRIMMER

- Remove the battery pack from the string trimmer before storing.
- Clean all foreign material from the trimmer.
- Store it in a place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.

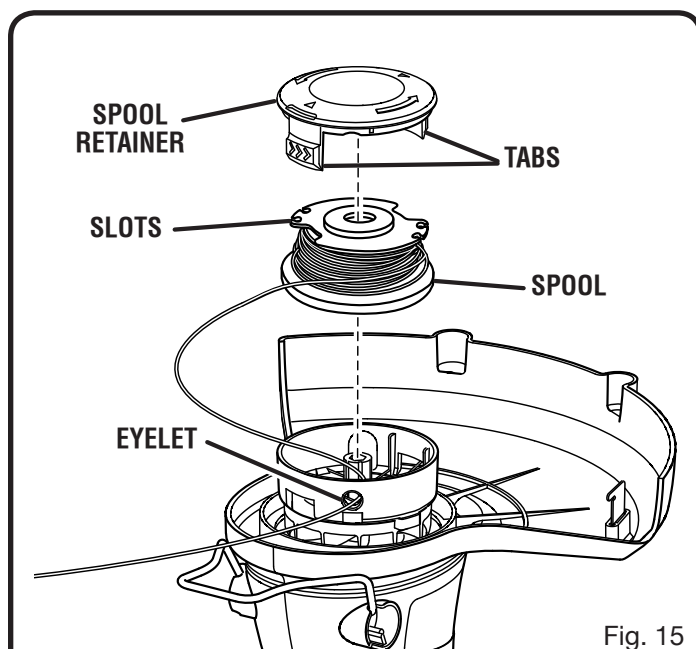


Fig. 15

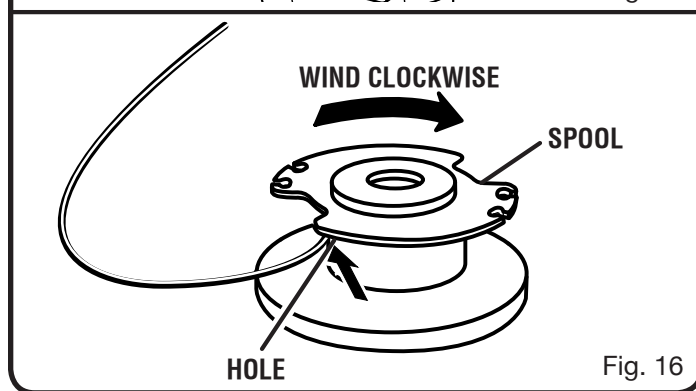


Fig. 16

Replacement Spool Part NumberAC14RSL
Replacement Spool Cap Part Number..... AC14HC

TROUBLESHOOTING

| PROBLEM | POSSIBLE CAUSE | SOLUTION |
|--|-------------------------------------|---|
| String will not advance when using the auto-feed head: | 1. String is welded to itself. | 1. Lubricate with silicone spray. |
| | 2. Not enough string on spool. | 2. Install more string. Refer to String Replacement earlier in this manual. |
| | 3. String is worn too short. | 3. Pull string while pressing button. |
| | 4. String is tangled on spool. | 4. Remove string from spool and rewind. Refer to String Replacement earlier in this manual. |
| Grass wraps around driveshaft housing and string head | Cutting tall grass at ground level. | Cut tall grass from the top down to prevent wrapping. |
| Motor fails to start when switch trigger is depressed. | Battery is not secure. | To secure the battery pack, make sure the latches on each side of the battery pack snap into place. |
| | Battery is not charged. | Charge the battery pack according to the instructions included with your model. |



CALL US FIRST

For any questions about operating or maintaining your product, call the Ryobi® Help Line!

Your product has been fully tested prior to shipment to ensure your complete satisfaction.

WARRANTY

LIMITED WARRANTY STATEMENT

Techtronic Industries North America, Inc., warrants to the original retail purchaser that this RYOBI® brand outdoor product is free from defect in material and workmanship and agrees to repair or replace, at Techtronic Industries North America, Inc.'s, discretion, any defective product free of charge within these time periods from the date of purchase.

- Two years if the product is used for personal, family or household use;
- 90 days, if used for any other purpose, such as commercial or rental.

This warranty extends to the original retail purchaser only and commences on the date of the original retail purchase.

Any part of this product found in the reasonable judgment of Techtronic Industries North America, Inc. to be defective in material or workmanship will be repaired or replaced without charge for parts and labor by an authorized service center for RYOBI® brand outdoor products (Authorized Ryobi Service Center).

The product, including any defective part, must be returned to an authorized Ryobi service center within the warranty period. The expense of delivering the product to the service center for warranty work and the expense of returning it back to the owner after repair or replacement will be paid by the owner. Techtronic Industries North America, Inc.'s, responsibility in respect to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any RYOBI® brand outdoor product. Proof of purchase will be required by the dealer to substantiate any warranty claim. All warranty work must be performed by an authorized service dealer.

This warranty is limited to ninety (90) days from the date of original retail purchase for any RYOBI® brand outdoor product that is used for rental or commercial purposes, or any other income-producing purpose.

This warranty does not cover any product that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in this operator's manual. This warranty does not apply to any damage to the product that is the result of improper maintenance or to any product that has been altered or modified. The warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are either incompatible with the RYOBI® brand outdoor product or adversely affect its operation, performance, or durability. In addition, this warranty does not cover:

- A. Tune-ups – Spark Plugs, Carburetor, Carburetor Adjustments, Ignition, Filters
- B. Wear items – Bump Knobs, Outer Spools, Cutting Lines, Inner Reels, Starter Pulleys, Starter Ropes, Drive Belts, Tines, Felt Washers, Hitch Pins, Mulching Blades, Blower Fans, Blower and Vacuum Tubes, Vacuum Bag and Straps, Guide Bars, Saw Chains

Techtronic Industries North America, Inc., reserves the right to change or improve the design of any RYOBI® brand outdoor product without assuming any obligation to modify any product previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE STATED WARRANTY PERIOD. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE APPROPRIATE TWO-YEAR, ONE-YEAR, OR NINETY-DAY WARRANTY PERIOD. TECHTRONIC INDUSTRIES NORTH AMERICA, INC.'S, OBLIGATION UNDER THIS WARRANTY IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AND TECHTRONIC INDUSTRIES NORTH AMERICA, INC., DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. TECHTRONIC INDUSTRIES NORTH AMERICA, INC., ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL, OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, EXPENSE OF RETURNING THE PRODUCT TO AN AUTHORIZED RYOBI SERVICE CENTER AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty applies to all RYOBI® brand outdoor products manufactured by or for Techtronic Industries North America, Inc., and sold in the United States and Canada.

To locate your nearest Authorized Ryobi Service Center, dial 1-800-860-4050.

NOTES/NOTES/NOTAS

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OPERATOR'S MANUAL

MANUEL D'UTILISATION / MANUAL DEL OPERADOR

18 VOLT STRING TRIMMER

18 V TONDEUSE À FOUET

18 V RECORTADORA DE HILO

P2000

WARNING:

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

CALIFORNIA PROPOSITION 65

AVERTISSEMENT :

Les gaz d'échappement de ce produit contiennent des produits chimiques identifiés par l'état de Californie comme causes de cancer, de malformations congénitales et d'autres troubles de l'appareil reproducteur.

PROPOSITION 65 DE L'ÉTAT DE CALIFORNIE

ADVERTENCIA:

Las emanaciones provenientes del escape del motor de este producto contienen sustancias químicas reconocidas por el estado de California como causantes de cáncer, defectos congénitos y otras afecciones del aparato reproductor.

CALIFORNIA - PROPUESTA DE LEY NÚM. 65

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Ryobi® es una marca comercial registrada de Ryobi Limited y es empleada mediante autorización.

• **PARTS AND SERVICE**

Prior to requesting service or purchasing replacement parts, please obtain your model and serial number from the product data plate.

• **MODEL NO.** _____ **SERIAL NO.** _____

• **HOW TO OBTAIN REPLACEMENT PARTS:**

Replacement parts can be purchased online at www.ryobitools.com or by calling 1-800-860-4050. Replacement parts can also be obtained at one of our Authorized Service Centers.

• **HOW TO LOCATE AN AUTHORIZED SERVICE CENTER:**

Authorized Service Centers can be located online at www.ryobitools.com or by calling 1-800-860-4050.

• **HOW TO OBTAIN CUSTOMER OR TECHNICAL SUPPORT:**

To obtain Customer or Technical Support please contact us at 1-800-860-4050.

• • • • •

• **PIÈCES ET SERVICE**

Avant de faire la demande de service ou l'achat de pièces de remplacement, veuillez obtenir le numéro de série du modèle à partir de la plaque de données du produit.

• **NUMÉRO DE MODÈLE** _____ **NUMÉRO DE SÉRIE** _____

• **COMMENT OBTENIR LES PIÈCES DE REMPLACEMENT :**

Les pièces de remplacement peuvent être achetées en ligne sur le site www.ryobitools.com ou par téléphone au 1-800-860-4050. Les pièces de remplacement peuvent être obtenues à un de nos centres de service autorisés.

• **COMMENT TROUVER UN CENTRE DE SERVICE AUTORISÉ :**

Les centres de service autorisés peuvent être localisés en ligne au www.ryobitools.com ou en téléphonant au 1-800-860-4050.

• **COMMENT OBTENIR DE L'AIDE EN CONTACTANT LE SERVICE À LA CLIENTÈLE :**

Pour contacter le service à la clientèle pour une question technique ou pour tout autre renseignement, veuillez nous téléphoner au 1-800-860-4050.

• • • • •

• **PIEZAS DE REPUESTO Y SERVICIO**

Antes de solicitar servicio técnico o comprar piezas de repuesto, obtenga su modelo y número de serie de la placa de datos del producto.

• **NÚMERO DE MODELO** _____ **NÚMERO DE SERIE** _____

• **CÓMO OBTENER PIEZAS DE REPUESTO:**

Las piezas de repuesto se pueden comprar en nuestro sitio en la red mundial, en la dirección www.ryobitools.com o llamando al 1-800-860-4050. Las piezas de repuesto también se pueden obtener en uno de nuestros Centros de Servicio Autorizados.

• **CÓMO LOCALIZAR UN CENTRO DE SERVICIO AUTORIZADO:**

Puede encontrar los Centros de Servicio Autorizados visitando nuestro sitio en la red mundial, en la dirección www.ryobitools.com or by calling 1-800-860-4050.

• **CÓMO OBTENER SERVICIO O ASISTENCIA TÉCNICA AL CONSUMIDOR:**

Para obtener Servicio o Asistencia Técnica al Consumidor, sírvase comunicarse con nosotros llamando al 1-800-860-4050.

TECHTRONIC INDUSTRIES NORTH AMERICA, INC.

1428 Pearman Dairy Road, Anderson, SC 29625 USA

1-800-860-4050 • www.ryobitools.com